



Eurolec Instrumentation Ltd

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RT162, RT163 & PC TEMP RT2 REFERENCE THERMOMETERS

These reference thermometers provide a cost effective solutions using a platinum film sensor and sophisticated linearising techniques for high accuracy temperature measurements, with 0.01°C resolution.



RT162



RT163



PC Temp RT2

MODEL RT162

This bench mounted thermometer can be used in high accuracy applications and as a reference to check the accuracy of other thermometers.

MODEL RT163

Mains operated bench mounted thermometer with bright red LED display, switchable °C/F function and RS232 output with options for alarm and USB. Can be used in high accuracy applications and as a reference to check the accuracy of other thermometers.

MODEL PC TEMP RT2

As Model RT162, but in a hand held portable lightweight case.

Specification	RT162 / PC Temp RT2	RT163
Range	- 30.00 to + 199.99 °C	- 30.00 to + 200.00 °C
Sensor Type	Platinum film	Platinum film
Resolution	0.01 °C	0.01°C from -19.99 to 99.99 °C; 0.1°C elsewhere
Thermometer Accuracy	±0.02°C ±0.01%	±0.05°C From -20.0 to 100°C ± 0.2°C elsewhere
Probe Accuracy	±0.03°C ±0.07%	
Power supply	9 Vdc	110 to 240 VAC
Ambient operating temp. (thermometer)	0 - 50°C	

Note: System accuracy is the thermometer accuracy plus the probe accuracy.

All 3 thermometers above use Temperature probe - TP162G (120 x 3.3mm shaft; rounded tip; 1M cable)

These instruments can be supplied in a kit complete with:

TP162G probe; System Calibration Certificate - traceable to National Standards; Executive carrying case.

OPTIONAL ACCESSORIES for RT162: • Mains Adapter

Contact the sales department and ask for information on complementary instrumentation from Eurolec.

Eg. Temperature calibration sources, portable thermometers (contact and infrared), manometers. Other parameters include %RH, air velocity, pH, light, sound, rpm. Data logging/portable options available.

Eurolec Instrumentation Ltd are continuously developing and improving their products and as such the company reserve the right to amend specifications without notice and supply products which differ from those described.